

WEST Search History for Application 10808680

Creation Date: 2009081417:06

(700/1, 18, 2, 83, 86, 87)! [CCLS] PGPB, USPT ADJ ASSIGNEE09-30-2008
(717/109, 113, 114, 115, 116, 138, 139, 162)! [CCLS] PGPB, USPT ADJ ASSIGNEE09-30-2008
(719/310, 317, 320)! [CCLS] PGPB, USPT ADJ ASSIGNEE09-30-2008
(709/200, 201, 202)! [CCLS] PGPB, USPT ADJ ASSIGNEE09-30-2008
((709/200, 201, 202)! [CCLS]) or ((719/310, 317, 320)! [CCLS]) or ((717/109, 113, 114, 115, 116, 138, 139, 162)! [CCLS]) or ((700/1, 18, 2, 83, 86, 87)! [CCLS]) PGPB,
USPT ADJ NO ASSIGNEE09-30-2008
((709/200, 201, 202)! [CCLS] or (719/310, 317, 320)! [CCLS] or (717/109, 113, 114, 115, 116, 138, 139, 162)! [CCLS] or (700/1, 18, 2, 83, 86, 87)! [CCLS]) and controller\$1 same device\$1 same process\$2 PGPB, USPT ADJ NO ASSIGNEE09-30-2008
((709/200, 201, 202)! [CCLS] or (719/310, 317, 320)! [CCLS] or (717/109, 113, 114, 115, 116, 138, 139, 162)! [CCLS] or (700/1, 18, 2, 83, 86, 87)! [CCLS]) and controller\$1 same device\$1 same process\$2) and agent\$ PGPB, USPT ADJ NO ASSIGNEE09-30-2008
((709/200, 201, 202)! [CCLS] or (719/310, 317, 320)! [CCLS] or (717/109, 113, 114, 115, 116, 138, 139, 162)! [CCLS] or (700/1, 18, 2, 83, 86, 87)! [CCLS]) and controller\$1 same device\$1 same process\$2 and agent\$) and (control\$ or monitor\$ or manag\$) with device\$1 PGPB,
USPT ADJ NO ASSIGNEE09-30-2008
((709/200, 201, 202)! [CCLS] or (719/310, 317, 320)! [CCLS] or (717/109, 113, 114, 115, 116, 138, 139, 162)! [CCLS] or (700/1, 18, 2, 83, 86, 87)! [CCLS]) and controller\$1 same device\$1 same process\$2 and agent\$) and (control\$ or monitor\$ or manag\$) with device\$1 PGPB,
USPT ADJ NO ASSIGNEE09-30-2008
((709/200, 201, 202)! [CCLS] or (719/310, 317, 320)! [CCLS] or (717/109, 113, 114, 115, 116, 138, 139, 162)! [CCLS] or (700/1, 18, 2, 83, 86, 87)! [CCLS]) and controller\$1 same device\$1 same process\$2 and agent\$ and (control\$ or monitor\$ or manag\$) with device\$1) and java PGPB,
USPT ADJ NO ASSIGNEE09-30-2008
((709/200, 201, 202)! [CCLS] or (719/310, 317, 320)! [CCLS] or (717/109, 113, 114, 115, 116, 138, 139, 162)! [CCLS] or (700/1, 18, 2, 83, 86, 87)! [CCLS]) and controller\$1 same device\$1 same process\$2 and agent\$ and (control\$ or monitor\$ or manag\$) with device\$1 and java) and (jdl or kqml or xml) PGPB, USPT ADJ NO ASSIGNEE09-30-2008
((709/200, 201, 202)! [CCLS] or (719/310, 317, 320)! [CCLS] or (717/109, 113, 114, 115, 116, 138, 139, 162)! [CCLS] or (700/1, 18, 2, 83, 86, 87)! [CCLS]) and controller\$1 same device\$1 same process\$2 and agent\$ and (control\$ or monitor\$ or manag\$) with device\$1 and java and (jdl or kqml or xml)) and (bid\$ with agent\$1) PGPB, USPT ADJ NO ASSIGNEE09-30-2008
((709/200, 201, 202)! [CCLS] or (719/310, 317, 320)! [CCLS] or (717/109, 113, 114, 115, 116, 138, 139, 162)! [CCLS] or (700/1, 18, 2, 83, 86, 87)! [CCLS]) and controller\$1 same device\$1 same process\$2 and agent\$ and (control\$ or monitor\$ or manag\$) with device\$1 and java and (jdl or kqml or xml)) and ((control\$ or monitor\$ or manag\$) with device\$1).ab. PGPB,
USPT ADJ NO ASSIGNEE09-30-2008
((709/200, 201, 202)! [CCLS] or (719/310, 317, 320)! [CCLS] or (717/109, 113, 114, 115, 116, 138, 139, 162)! [CCLS] or (700/1, 18, 2, 83, 86, 87)! [CCLS]) and controller\$1 same device\$1 same process\$2 and agent\$ and (control\$ or monitor\$ or manag\$) with device\$1 and java and (jdl or kqml or xml) and ((control\$ or monitor\$ or manag\$) with device\$1).ab.) not ((709/200, 201, 202)! [CCLS] or (719/310, 317, 320)! [CCLS] or (717/109, 113, 114, 115, 116, 138, 139, 162)! [CCLS] or (700/1, 18, 2, 83, 86, 87)! [CCLS]) and controller\$1 same device\$1 same process\$2 and agent\$ and (control\$ or monitor\$ or manag\$) with device\$1 and java and (jdl or kqml or xml) and (bid\$ with agent\$1)) PGPB, USPT ADJ NO ASSIGNEE09-30-2008

((709/200, 201, 202)! [CCLS] or (719/310, 317, 320)! [CCLS] or (717/109, 113, 114, 115, 116, 138, 139, 162)! [CCLS] or (700/1, 18, 2, 83, 86, 87)! [CCLS] and controller\$1 same device\$1 same process\$2 and agent\$ and (control\$ or monitor\$ or manag\$) with device\$1) and (bid\$ with agent\$1)PGPB, USPT ADJ NO ASSIGNEE09-30-2008

((709/200, 201, 202)! [CCLS] or (719/310, 317, 320)! [CCLS] or (717/109, 113, 114, 115, 116, 138, 139, 162)! [CCLS] or (700/1, 18, 2, 83, 86, 87)! [CCLS] and controller\$1 same device\$1 same process\$2 and agent\$ and (control\$ or monitor\$ or manag\$) with device\$1 and (bid\$ with agent\$1)) not ((709/200, 201, 202)! [CCLS] or (719/310, 317, 320)! [CCLS] or (717/109, 113, 114, 115, 116, 138, 139, 162)! [CCLS] or (700/1, 18, 2, 83, 86, 87)! [CCLS] and controller\$1 same device\$1 same process\$2 and agent\$ and (control\$ or monitor\$ or manag\$) with device\$1 and java and (jdl or kqml or xml) and (bid\$ with agent\$1))PGPB, USPT ADJ NO ASSIGNEE09-30-2008

700/\$.ccls. or 719/\$.ccls. or 709/\$.ccls. or 717/\$.ccls. or 705/\$.ccls. or 715/\$.ccls. or 718/\$.ccls.PGPB, USPT ADJ NO ASSIGNEE09-30-2008

(700/\$.ccls. or 719/\$.ccls. or 709/\$.ccls. or 717/\$.ccls. or 705/\$.ccls. or 715/\$.ccls. or 718/\$.ccls.) and controller\$1 same device\$1 same process\$2PGPB, USPT ADJ NO ASSIGNEE09-30-2008

(700/\$.ccls. or 719/\$.ccls. or 709/\$.ccls. or 717/\$.ccls. or 705/\$.ccls. or 715/\$.ccls. or 718/\$.ccls. and controller\$1 same device\$1 same process\$2) and (controller\$1 same device\$1 same process\$2).ab.PGPB, USPT ADJ NO ASSIGNEE09-30-2008

(700/\$.ccls. or 719/\$.ccls. or 709/\$.ccls. or 717/\$.ccls. or 705/\$.ccls. or 715/\$.ccls. or 718/\$.ccls. and controller\$1 same device\$1 same process\$2 and (controller\$1 same device\$1 same process\$2).ab.) and agent\$1PGPB, USPT ADJ NO ASSIGNEE09-30-2008

(700/\$.ccls. or 719/\$.ccls. or 709/\$.ccls. or 717/\$.ccls. or 705/\$.ccls. or 715/\$.ccls. or 718/\$.ccls. and controller\$1 same device\$1 same process\$2 and (controller\$1 same device\$1 same process\$2).ab. and agent\$1) and (bid\$ with agent\$1)PGPB, USPT ADJ NO ASSIGNEE09-30-2008

(700/\$.ccls. or 719/\$.ccls. or 709/\$.ccls. or 717/\$.ccls. or 705/\$.ccls. or 715/\$.ccls. or 718/\$.ccls. and controller\$1 same device\$1 same process\$2 and (controller\$1 same device\$1 same process\$2).ab. and agent\$1 and (bid\$ with agent\$1)) not ((709/200, 201, 202)! [CCLS] or (719/310, 317, 320)! [CCLS] or (717/109, 113, 114, 115, 116, 138, 139, 162)! [CCLS] or (700/1, 18, 2, 83, 86, 87)! [CCLS] and controller\$1 same device\$1 same process\$2 and agent\$ and (control\$ or monitor\$ or manag\$) with device\$1 and (bid\$ with agent\$1) not (709/200, 201, 202)! [CCLS] or (719/310, 317, 320)! [CCLS] or (717/109, 113, 114, 115, 116, 138, 139, 162)! [CCLS] or (700/1, 18, 2, 83, 86, 87)! [CCLS] and controller\$1 same device\$1 same process\$2 and agent\$ and (control\$ or monitor\$ or manag\$) with device\$1 and java and (jdl or kqml or xml) and (bid\$ with agent\$1))PGPB, USPT ADJ NO ASSIGNEE09-30-2008

(700/\$.ccls. or 719/\$.ccls. or 709/\$.ccls. or 717/\$.ccls. or 705/\$.ccls. or 715/\$.ccls. or 718/\$.ccls. and controller\$1 same device\$1 same process\$2) and (bid\$ with agent\$1)PGPB, USPT ADJ NO ASSIGNEE09-30-2008

(700/\$.ccls. or 719/\$.ccls. or 709/\$.ccls. or 717/\$.ccls. or 705/\$.ccls. or 715/\$.ccls. or 718/\$.ccls. and controller\$1 same device\$1 same process\$2 and (bid\$ with agent\$1)) and (jdl or kqml or xml)PGPB, USPT ADJ NO ASSIGNEE09-30-2008

(700/\$.ccls. or 719/\$.ccls. or 709/\$.ccls. or 717/\$.ccls. or 705/\$.ccls. or 715/\$.ccls. or 718/\$.ccls. and controller\$1 same device\$1 same process\$2 and (bid\$ with agent\$1)) and (FIPA)PGPB, USPT ADJ NO ASSIGNEE09-30-2008

(700/\$.ccls. or 719/\$.ccls. or 709/\$.ccls. or 717/\$.ccls. or 705/\$.ccls. or 715/\$.ccls. or 718/\$.ccls. and controller\$1 same device\$1 same process\$2) and (FIPA ACL WRAPPER\$1)PGPB, USPT ADJ NO ASSIGNEE09-30-2008

(FIPA ACL WRAPPER\$1)PGPB, USPT ADJ NO ASSIGNEE09-30-2008

((FIPA ACL WRAPPER\$1)) NOT (700/\$.ccls. or 719/\$.ccls. or 709/\$.ccls. or 717/\$.ccls. or

705/\$.ccls. or 715/\$.ccls. or 718/\$.ccls. and controller\$1 same device\$1 same process\$2 and (FIPA ACL WRAPPER\$1))PGPB, USPT ADJ NO ASSIGNEE09-30-2008
 controller\$1 same device\$1 same process\$2PGPB, USPT ADJ NO ASSIGNEE09-30-2008
 (controller\$1 same device\$1 same process\$2) AND AGENT\$1PGPB,
 USPT ADJ NO ASSIGNEE09-30-2008
 (controller\$1 same device\$1 same process\$2 AND AGENT\$1) and (control\$ or monitor\$ or manag\$) with device\$1PGPB, USPT ADJ NO ASSIGNEE09-30-2008
 (controller\$1 same device\$1 same process\$2 AND AGENT\$1 and (control\$ or monitor\$ or manag\$) with device\$1) and (jdl AND kqml)PGPB, USPT ADJ NO ASSIGNEE10-01-2008
 (controller\$1 same device\$1 same process\$2 AND AGENT\$1 and (control\$ or monitor\$ or manag\$) with device\$1 and (jdl AND kqml)) NOT ((FIPA ACL WRAPPER\$1))PGPB,
 USPT ADJ NO ASSIGNEE10-01-2008

Interference Searches

| Query | DB | Op. | Plur. | Thes. | Date |
|---|------------------|-----|-------|----------|------------|
| (AGENT \$ 1 AND (industrial controller \$ 1) and sensor \$ and actuator \$ 1 and signal \$ 1 and (data table \$ 1) and read \$ and writ \$.clm. | PGPB, USPT, UPAD | ADJ | NO | ASSIGNEE | 08-14-2009 |
| (AGENT \$ 1 AND (industrial controller \$ 1) and signal \$ 1 and (data table \$ 1) and read \$ and writ \$ and device \$ 1).clm. | PGPB, USPT, UPAD | ADJ | NO | ASSIGNEE | 08-14-2009 |
| (AGENT \$ 1 AND (industrial controller \$ 1) and signal \$ 1 and table \$ 1 and device \$ 1).clm. | PGPB, USPT, UPAD | ADJ | NO | ASSIGNEE | 08-14-2009 |
| (AGENT \$ 1 AND (industrial controller \$ 1) and signal \$ 1 and (information or status) and device \$ 1).clm. | PGPB, USPT, UPAD | ADJ | NO | ASSIGNEE | 08-14-2009 |
| (AGENT \$ 1 AND (industrial controller \$ 1) and (information or status) and device \$ 1).clm. | PGPB, USPT, UPAD | ADJ | NO | ASSIGNEE | 08-14-2009 |
| ((AGENT \$ 1 AND (industrial controller \$ 1) and (information or status) and device \$ 1).clm.) not ((AGENT \$ 1 AND (industrial controller \$ 1) and signal \$ 1 and (information or status) and device \$ 1).clm.) | PGPB, USPT, UPAD | ADJ | NO | ASSIGNEE | 08-14-2009 |
| (AGENT \$ 1 AND controller \$ 1 and (information or status) and device \$ 1).clm. | PGPB, USPT, UPAD | ADJ | NO | ASSIGNEE | 08-14-2009 |
| (AGENT \$ 1 AND controller \$ 1 and (information or status) and device \$ 1 and (data table \$ 1)).clm. | PGPB, USPT, UPAD | ADJ | NO | ASSIGNEE | 08-14-2009 |

Prior Art Searches

| Query | DB | Op. | Plur. | Thes. | Date |
|---|------------|-----|-------|----------|------------|
| 20040204772 | PGPB | ADJ | NO | ASSIGNEE | 08-14-2009 |
| (7305272 or 7228187 or 7146232).pn. | USPT | ADJ | NO | ASSIGNEE | 08-14-2009 |
| ('5301336' '5499364' '5909368' '6102965' '6112223' '6282699' '6442619' '6459944' '6647300' '6687682' '6721612'):[pn] | USPT, PGPB | ADJ | NO | ASSIGNEE | 08-14-2009 |
| ('5963447' '6027112' '6067477' '6088689' '6108616' '6119052' '6266805' '6285977' '6400999' '6459944' '6647300' '20040250168'):[pn] | USPT, PGPB | ADJ | NO | ASSIGNEE | 08-14-2009 |
| ('5301336' '5530643' '5551041' '5838563' '5909368' '5909372' '6102965' '6119052' '6282699' '6526566' '6571133' '6687682'):[pn] | USPT, PGPB | ADJ | NO | ASSIGNEE | 08-14-2009 |
| (719/310, 317, 320)!:[CCLS] | PGPB, USPT | ADJ | NO | ASSIGNEE | 08-14-2009 |
| (700/1, 17, 18, 2, 83)!:[CCLS] | PGPB, USPT | ADJ | NO | ASSIGNEE | 08-14-2009 |
| (709/202, 203)!:[CCLS] | PGPB, USPT | ADJ | NO | ASSIGNEE | 08-14-2009 |
| ((709/202, 203)!:[CCLS]) or ((700/1, 17, 18, 2, 83)!:[CCLS]) or ((719/310, 317, 320)!:[CCLS]) | PGPB, USPT | ADJ | NO | ASSIGNEE | 08-14-2009 |
| ((709/202, 203)!:[CCLS] or (700/1, 17, 18, 2, 83)!:[CCLS] or (719/310, 317, 320)!:[CCLS]) and (industrial controller\$1) | PGPB, USPT | ADJ | NO | ASSIGNEE | 08-14-2009 |
| ((709/202, 203)!:[CCLS] or (700/1, 17, 18, 2, 83)!:[CCLS] or (719/310, 317, 320)!:[CCLS] and (industrial controller\$1)) and agent\$ | PGPB, USPT | ADJ | NO | ASSIGNEE | 08-14-2009 |
| ((709/202, 203)!:[CCLS] or (700/1, 17, 18, 2, 83)!:[CCLS] or (719/310, 317, 320)!:[CCLS]) and agent\$ | PGPB, USPT | ADJ | NO | ASSIGNEE | 08-14-2009 |
| ((709/202, 203)!:[CCLS] or (700/1, 17, 18, 2, 83)!:[CCLS] or (719/310, 317, 320)!:[CCLS] and agent\$) and (industrial near10 control\$ near10 device\$1) | PGPB, USPT | ADJ | NO | ASSIGNEE | 08-14-2009 |
| ((709/202, 203)!:[CCLS] or (700/1, 17, 18, 2, 83)!:[CCLS] or (719/310, 317, 320)!:[CCLS] and agent\$ and (industrial near10 control\$ near10 | PGPB, USPT | ADJ | NO | ASSIGNEE | 08-14-2009 |

| | | | | | |
|---|------------|-----|----|----------|------------|
| device\$1)) not ((709/202, 203)! [CCLS] or (700/1, 17, 18, 2, 83)! [CCLS] or (719/310, 317, 320)! [CCLS] and (industrial controller\$1) and agent\$) | | | | | |
| ((709/202, 203)! [CCLS] or (700/1, 17, 18, 2, 83)! [CCLS] or (719/310, 317, 320)! [CCLS] and agent\$) and (industrial near10 control\$ near10 sensor\$) | PGPB, USPT | ADJ | NO | ASSIGNEE | 08-14-2009 |
| ((709/202, 203)! [CCLS] or (700/1, 17, 18, 2, 83)! [CCLS] or (719/310, 317, 320)! [CCLS] and agent\$) and (industrial near10 control\$ near10 sensor\$) | PGPB, USPT | ADJ | NO | ASSIGNEE | 08-14-2009 |
| ((709/202, 203)! [CCLS] or (700/1, 17, 18, 2, 83)! [CCLS] or (719/310, 317, 320)! [CCLS] and agent\$ and (industrial near10 control\$ near10 sensor\$)) not ((709/202, 203)! [CCLS] or (700/1, 17, 18, 2, 83)! [CCLS] or (719/310, 317, 320)! [CCLS] and agent\$ and (industrial near10 control\$ near10 device\$1) not (709/202, 203)! [CCLS] or (700/1, 17, 18, 2, 83)! [CCLS] or (719/310, 317, 320)! [CCLS] and (industrial controller\$1) and agent\$) | PGPB, USPT | ADJ | NO | ASSIGNEE | 08-14-2009 |
| ((709/202, 203)! [CCLS] or (700/1, 17, 18, 2, 83)! [CCLS] or (719/310, 317, 320)! [CCLS] and agent\$) and controller\$1 | PGPB, USPT | ADJ | NO | ASSIGNEE | 08-14-2009 |
| ((709/202, 203)! [CCLS] or (700/1, 17, 18, 2, 83)! [CCLS] or (719/310, 317, 320)! [CCLS] and agent\$ and controller\$1) and (real-time or realtime or (real time)) SAME (ENABL\$ OR DISABL\$) SAME SIGNAL\$ | PGPB, USPT | ADJ | NO | ASSIGNEE | 08-14-2009 |
| ((709/202, 203)! [CCLS] or (700/1, 17, 18, 2, 83)! [CCLS] or (719/310, 317, 320)! [CCLS] and agent\$ and controller\$1) and (real-time or realtime or (real time)) SAME AGENT\$1 | PGPB, USPT | ADJ | NO | ASSIGNEE | 08-14-2009 |
| ((709/202, 203)! [CCLS] or (700/1, 17, 18, 2, 83)! [CCLS] or (719/310, 317, 320)! [CCLS] and agent\$ and controller\$1) and (real-time or realtime or (real time)) SAME AGENT\$1 SAME (program\$1 or application\$1) | PGPB, USPT | ADJ | NO | ASSIGNEE | 08-14-2009 |
| ((709/202, 203)! [CCLS] or (700/1, 17, 18, 2, 83)! [CCLS] or (719/310, 317, 320)! [CCLS] and agent\$ and controller\$1 and (real-time or realtime or (real time)) SAME AGENT\$1 SAME (program\$1 or application\$1)) not ((709/202, 203)! [CCLS] or (700/1, 17, 18, 2, | PGPB, USPT | ADJ | NO | ASSIGNEE | 08-14-2009 |

| | | | | | |
|---|-------------------|-----|----|----------|------------|
| 83)! [CCLS] or (719/310, 317, 320)! [CCLS] and agent\$ and controller\$1 and (real-time or realtime or (real time)) SAME (ENABL\$ OR DISABL\$) SAME SIGNAL\$) | | | | | |
| ((709/202, 203)! [CCLS] or (700/1, 17, 18, 2, 83)! [CCLS] or (719/310, 317, 320)! [CCLS] and (industrial controller\$1)) and (real-time or realtime or (real time)) SAME (ENABL\$ OR DISABL\$) SAME SIGNAL\$ | PGPB, USPT | ADJ | NO | ASSIGNEE | 08-14-2009 |
| ((709/202, 203)! [CCLS] or (700/1, 17, 18, 2, 83)! [CCLS] or (719/310, 317, 320)! [CCLS] and (industrial controller\$1)) and (real-time or realtime or (real time)) SAME AGENT\$1 SAME (program\$1 or application\$1) | PGPB, USPT | ADJ | NO | ASSIGNEE | 08-14-2009 |
| 709/\$.ccls. or 717/\$.ccls. or 718/\$.ccls. or 719/\$.ccls. or 700/\$.ccls. | PGPB, USPT | ADJ | NO | ASSIGNEE | 08-14-2009 |
| (709/\$.ccls. or 717/\$.ccls. or 718/\$.ccls. or 719/\$.ccls. or 700/\$.ccls.) and (industrial controller\$1) same devive\$1 | PGPB, USPT | ADJ | NO | ASSIGNEE | 08-14-2009 |
| (709/\$.ccls. or 717/\$.ccls. or 718/\$.ccls. or 719/\$.ccls. or 700/\$.ccls.) and (industrial controller\$1) same device\$1 | PGPB, USPT | ADJ | NO | ASSIGNEE | 08-14-2009 |
| (709/\$.ccls. or 717/\$.ccls. or 718/\$.ccls. or 719/\$.ccls. or 700/\$.ccls. and (industrial controller\$1) same device\$1) and (real-time or realtime or (real time)) SAME AGENT\$1 SAME (program\$1 or application\$1) | PGPB, USPT | ADJ | NO | ASSIGNEE | 08-14-2009 |
| (709/\$.ccls. or 717/\$.ccls. or 718/\$.ccls. or 719/\$.ccls. or 700/\$.ccls. and (industrial controller\$1) same device\$1 and (real-time or realtime or (real time)) SAME AGENT\$1 SAME (program\$1 or application\$1)) not ((709/202, 203)! [CCLS] or (700/1, 17, 18, 2, 83)! [CCLS] or (719/310, 317, 320)! [CCLS] and (industrial controller\$1) and (real-time or realtime or (real time)) SAME AGENT\$1 SAME (program\$1 or application\$1)) | PGPB, USPT | ADJ | NO | ASSIGNEE | 08-14-2009 |
| (709/\$.ccls. or 717/\$.ccls. or 718/\$.ccls. or 719/\$.ccls. or 700/\$.ccls. and (industrial controller\$1) same device\$1) and AGENT\$1 SAME (program\$1 or application\$1) | PGPB, USPT | ADJ | NO | ASSIGNEE | 08-14-2009 |
| (industrial controller\$1) same devive\$1 | PGPB, USPT, USOC, | ADJ | NO | ASSIGNEE | 08-14-2009 |

| | | | | | |
|---|--|-----|----|----------|------------|
| | EPAB, JPAB, DWPI, TDBD | | | | |
| (industrial controller\$1) same device\$1 | PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD | ADJ | NO | ASSIGNEE | 08-14-2009 |
| ((industrial controller\$1) same device\$1) and AGENT\$1 SAME (program\$1 or application\$1) | PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD | ADJ | NO | ASSIGNEE | 08-14-2009 |
| ((industrial controller\$1) same device\$1) and AGENT\$1 | PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD | ADJ | NO | ASSIGNEE | 08-14-2009 |
| al42 and nd (real-time or realtime or (real time)) | PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD | ADJ | NO | ASSIGNEE | 08-14-2009 |
| ((industrial controller\$1) same device\$1 and AGENT\$1) and (real-time or realtime or (real time)) | PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD | ADJ | NO | ASSIGNEE | 08-14-2009 |
| (industrial controller\$1) and (AGENT\$1 SAME (program\$1 or application\$1)) | PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD | ADJ | NO | ASSIGNEE | 08-14-2009 |

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|--|--|-----|----|----------|------------|
| ((industrial controller\$1) and (AGENT\$1 SAME (program\$1 or application\$1))) and (real-time or realtime or (real time)) SAME (ENABL\$ OR DISABL\$) SAME SIGNAL\$ | PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD | ADJ | NO | ASSIGNEE | 08-14-2009 |
| (industrial controller\$1) and agent\$ | PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD | ADJ | NO | ASSIGNEE | 08-14-2009 |
| ((industrial controller\$1) and agent\$) and (real-time or realtime or (real time)) | PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD | ADJ | NO | ASSIGNEE | 08-14-2009 |
| ((industrial controller\$1) and agent\$ and (real-time or realtime or (real time))) not ((industrial controller\$1) and (AGENT\$1 SAME (program\$1 or application\$1))) | PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD | ADJ | NO | ASSIGNEE | 08-14-2009 |
| ((industrial controller\$1) and agent\$) and (ENABL\$ OR DISABL\$) SAME SIGNAL\$ | PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD | ADJ | NO | ASSIGNEE | 08-14-2009 |
| (real-time or realtime or (real time)) SAME AGENT\$1 SAME (program\$1 or application\$1) same control\$ | PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD | ADJ | NO | ASSIGNEE | 08-14-2009 |
| ((real-time or realtime or (real time)) SAME AGENT\$1 SAME (program\$1 or application\$1) same control\$) and (industrial controller\$1) | PGPB, USPT, USOC, EPAB, | ADJ | NO | ASSIGNEE | 08-14-2009 |

| | | | | | |
|---|--|-----|----|----------|------------|
| | JPAB, DWPI, TDBD | | | | |
| ((real-time or realtime or (real time)) SAME AGENT\$1 SAME (program\$1 or application\$1) same control\$) and and (industrial near10 control\$ near10 device\$1) | PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD | ADJ | NO | ASSIGNEE | 08-14-2009 |
| ((real-time or realtime or (real time)) SAME AGENT\$1 SAME (program\$1 or application\$1) same control\$) and (industrial near10 control\$ near10 device\$1) | PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD | ADJ | NO | ASSIGNEE | 08-14-2009 |
| ((real-time or realtime or (real time)) SAME AGENT\$1 SAME (program\$1 or application\$1) same control\$) and (real-time or realtime or (real time)) SAME (ENABL\$ OR DISABL\$) SAME SIGNAL\$ | PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD | ADJ | NO | ASSIGNEE | 08-14-2009 |